

**Supplemental Table 5 : Sequences of primers used for qRT-PCR**

Gene	forward	reverse
POU5F1	5'-GCTGAAGCTGGAGAAGGGAGAACGCTG-3'	5'-CAAGGGCCGCAGCTTACACATGTTC-3'
SOX2	5'-GTATCAGGAGTTGTCAAGGCAGAG-3'	5'-TCCTAGTCTAAAGAGGCAGCAAAC-3'
NANOG	5'-CCTGTGATTGTGGGCCTG-3'	5'-GACAGTCTCCGTGTGAGGCAT-3'
PAX-6	5'- TCTAATCGAAGGGCCAATG-3'	5'-TGTGAGGGCTGTGTCTGTT-3'
LHX-2	5'- TAGCATCTACTGCAAGGAAGAC-3'	5'-GTGATAAACCAAGTCCCAG-3'
SIX-3	5'-GGAATGTGATGTATGATAGCC-3'	5'-TGATTCGGTTGTTCTGG-3'
HAND1	5'-TGCCTGAGAAAGAGAACCCAG-3'	5'-ATGGCAGGATGAACAAACAC-3'
BMP-4	5'-CCGCAGCCTAGCAAGAGTG-3'	5'-GCTCAGGATACTCAAGACCAGTG-3'
β-ACTIN	5'-GCAAAGACCTGTACGCCAAC-3'	5'-ACACGGAGTACTTGCGCTCAG-3'

*Primers used for the detection of CGB and FN1 were from TaqMan (Applied Biosystems).*